Safety Warning and Cautions

WARNING

1. Do not use this device if you have a cardiac pacemaker, implanted defibrillator, or other implanted metallic or electronic device. Such use could cause electric shock, burns, electrical interference, or death.
2. If you are in the care of a physician, consult with your physician before using this device;
3. Do not apply stimulation on your heart, head, mouth, pudendum or blemished skin areas;
4. Do not apply stimulation across your chest because the introduction of electrical current into the chest may cause rhythm disturbances to your heart, which could be lethal;
5. Do not apply during pregnancy.
6. Do not apply stimulation over painful areas. If you have painful areas, you should consult with your physician before using this device;
7. Do not apply stimulation over open wounds or rashes, or over swollen, red, infected, or inflamed areas or skin eruptions (e.g., phlebitis, thrombophlebitis, varicose veins);
8. Do not apply stimulation over, or in proximity to, cancerous lesions;
9. Do not apply stimulation in the presence of electronic monitoring equipment (e.g., cardiac monitors, ECG alarms), which may not operate properly when the electrical stimulation device is in use;
10. Do not apply stimulation when in the bath or shower;
11. Do not apply stimulation while sleeping;
12. Do not apply stimulation while driving, operating machinery, or during any activity in which electrical stimulation can put you at risk of injury;
13. Do not use the device on children;
14. Consult with your physician before using this device, because the device may cause lethal rhythm disturbances to the heart in susceptible individuals; and
15. Apply stimulation only to normal, intact, clean, healthy skin;
16. Do not use this device in high humidity areas such as a bathroom;
17. Do not attempt to move the electrode heads while the device is operating; and
18. Keep the device away from wet, high temperature and direct sunshine. Shady and dry place is good for device stock.

CAUTION

1. This device is not effective for pain of central origin, including headache;
2. This device is not a substitute for pain medications and other pain management therapies;
3. This device has no curative value;
4. This device is a symptomatic treatment and, as such, suppresses the sensation of pain that would otherwise serve as a protective mechanism;
5. The long-term effects of electrical stimulation are unknown;
6. Since the effects of stimulation of the brain are unknown, stimulation should not be applied across your head, and electrodes should not be placed on opposite sides of your head;

7. The safety of electrical stimulation during pregnancy has not been established;
8. You may experience skin irritation or hypersensitivity due to the electrical stimulation or electrical conductive medium (gel);
9. If you have suspected or diagnosed heart disease, you should follow precautions recommended by your physician;
10. If you have suspected or diagnosed epilepsy, you should follow precautions recommended by your physician;
11. Use caution if you have a tendency to bleed internally, such as following an injury or fracture;
12. Consult with your physician prior to using the device after a recent surgical procedure, because stimulation may disrupt the healing process;
13. Use caution if stimulation is applied over the menstruating uterus;
14. Use caution if stimulation is applied over areas of skin that lack normal sensation;
15. Keep this device out of the reach of children;
16. Turn off the stimulator if the stimulation feels unpleasant or does not provide pain relief;
17. Use this device only with the leads, electrodes, and accessories recommended by the manufacturer.

Adverse Reactions

- You may experience skin irritation and burns beneath the stimulation electrodes applied to your skin;
- You may experience headache and other painful sensations during or following the application of electrical stimulation near your eyes and to your head and face; and
- You should stop using the device and should consult with your physician if you experience adverse reactions from the device.

Safety symbols

Type B applied part

Attention, see operating manual for use

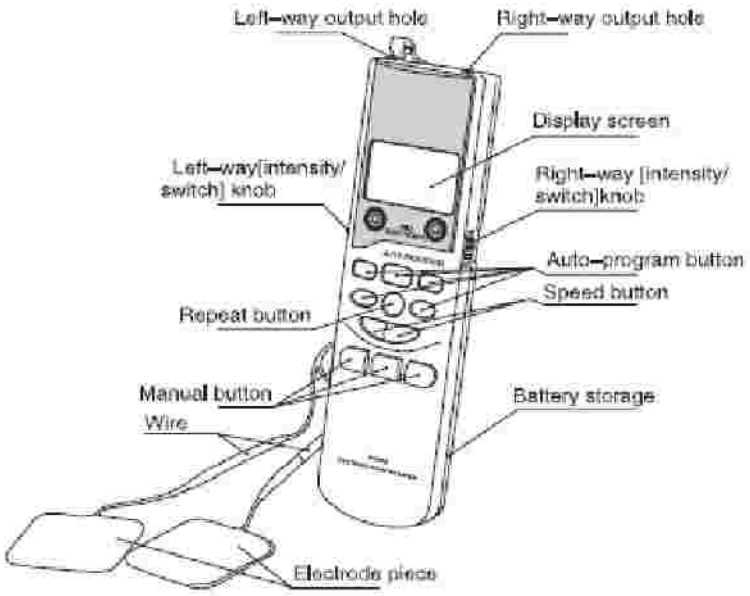
Indications for Use

To be used for temporary relief of pain associated with sore and aching muscles in the shoulder, waist, back, neck, upper extremities (arm), and lower extremities (leg) due to strain from exercise or normal household work activities.

Introduction of PL009 Electronic Pulse Massager

Overview

The Device's Parts



How the device works:

The operational principle of the device is to generate small pulses of electrical current and deliver the pulses to an ordinary user's skin through electrode adhesive pads such that the underlying nerves are activated and the pain associated with sore and aching muscles is temporarily relieved.

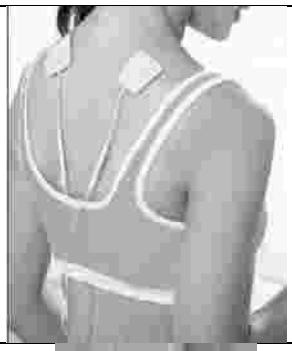
Quick Operation Guide

The following steps are used to guide the device operation:

1st Step: Turn both knobs to "OFF", then insert 4pc AAA batteries into the device
2nd Step: Connect the electrode pads to the wire and then connect the wire to the device.
3rd Step: Put the electrode pads on massage-needed body area
4th Step: Rotate the switch knobs on both sides to turn the power "ON"
5th Step: Select one of automatic stimulation programs
6th Step: Gradually adjust the massage intensity
7th Step: Select one of massage modes and adjust the electronic pulse speed
8th Step: Start massaging
9th Step: Rotate the switch knobs on both sides to turn off the device

For the details of operation, please see the following operating instructions.

Description of Operation	Diagram
1st Step – Turn both knobs to "OFF", then insert the 4pc AAA batteries into the	Battery compartment and direction
Make sure both the power knobs on both sides are turned OFF. To insert the battery, slide the compartment cover downward until the cover pops off. Insert 4pc AAA batteries according to the diagram in the battery compartment, and then close the cover. **IMPORTANT:** Match the flat end of the battery to the negative "-" mark and match the other end to the positive mark "+".	
2nd Step - Connect the electrode pads to the wire and then connect the wire to the device.	Electric wire insertion
The device has two identical ports for connecting the two identical lead wires. Each lead wire is coupled to a pair of identical electrode pads. Connect the first pair of electrode pads to the two terminals of the first lead wire, and insert the first lead wire's other end into the first port. Connect the second pair of electrode pads to the two terminals of the second lead wire, and insert the second lead wire's other end into the second port. **TIP:** One channel is suggested for the first time use.	Electric wire connection to the electrode pads
3rd Step - Put the electrode pads on massage-needed body area.	

2 pads from one channel are placed on the body area such as shoulder at the same time. Make sure the pads stick on the skin. Do not place or move the pads when the device is on. **Note:** Keep the skin clean before placing the pads	
4th Step - Rotate the switch knobs on both sides to make the power "ON". There are two identical power knobs located on the device's upper left and upper right sides respectively. To start use the device, rotate the switch knobs to turn the power "ON". Afterwards, a letter "P" will be showed on the LCD display. You may use the two channels simultaneously or separately. If you decide to use one channel only, you may just turn one knob to "OFF". **Important:** Do not rotate the switch knob too fast. This knob is also for the Intensity control.	 Switch Button LCD display shows "P"
5th Step - Select one of automatic stimulation programs Five automatic stimulation programs for waist, shoulder, joint, hand/foot, sole, plus a "repeat" to stimulate the same area again. The LCD display will show a timer of 15 minutes when you choose one of them.	 5 automatic stimulation programs + repeat
6th Step - Gradually increase the massage intensity to a comfortable level The beginning intensity level should start from 1.Adjust the power/intensity to a comfortable level during the treatment by tuning the power knobs. The lowest level is 1 and the strongest level is 10.	 Intensity adjustment
7th Step - Select one of massage modes and adjust electronic pulse speed The manual programs for MASSAGE, BEAT, and KNEAD can be selected by pressing the corresponding button. Speed program is available for them. Find suitable speed by tuning "Speed +" or "Speed –".	 Massage modes and Speed

8th Step - Start massaging After the setting of device, it is working. The pads can be covered with clothing. Turn off the device if necessary or whenever you don't feel comfortable.	
9th Step - Rotate the switch knobs on both sides to turn off the device. The best treatment time is ~15 minutes each session. Disconnect the wires and electrode pads after the massaging. Take the batteries out if not used frequently. Put the device in a dry and shady place. **Important:** Please make sure every part of device and accessories in good conditions before the use of the device. Ask for replacement in case of any breaking, cracking and scratching.	

Performance Specifications

Power Source	6V Battery
Number of Output Modes	3
Number of Alternating Output Channels	2
Timer Range (minutes)	15 min
Weight	8.21 oz. (battery and wire included)
Dimensions (in.) [W x H x D]	2.24 x 7.80 x 0.91
Waveform	Monophasic
Shape	Rectangular
Maximum Output Voltage	12.8V@500? 51V@ 2 k? 368V@10 k?
Maximum Output Current	15mA @500? 3.2mA@ 2 k? 0.6mA@10 k?
Duration of primary (depolarizing) phase	40 msec
Pulse Duration	100—680 µsec
Frequency	1-100Hz
Net Charge	18000µC@500?
Maximum Phase Charge	23 µC @500?
Maximum Current Density	1.4mA/cm²@500?
Maximum Average Current	18mA@500?
Maximum Average Power Density	0.23W/cm²@500?
Burst Mode (Pulses per burst)	1
(Bursts per second)	25
(Burst duration)	0.2-1 sec
(Duty Cycle)	5-25
ON Time	1 sec
OFF Time	1 sec

Quality Assurance Tests

The test result of each step should meet the following pass criteria. Otherwise, it is considered failed and you should contact Prospera Corporation for a repair or replacement.

Key function test: When the functional keys are pressed step by step, the outputs of the device should be identical to the following description:

1. When the left or right ON/OFF knob at the off condition is turned on, the device is turned on but no output at the moment.
2. When the function keys (such as knead and massage) are pressed, the corresponding output will be generated on the turned-on side.
3. When the left or right intensity-adjust knob is gradually turned, the intensity of the output on the corresponding side will be adjusted to the level showed on the knob.
4. When the increase/decrease speed keys are pressed, the speed of the outputs on both left and right sides will be adjusted to the level displayed on the LCD screen.

LCD check: The information displayed on the LCD screen should be identical to the following description:

1. When the ON/OFF knob is turned on to start the device, the LCD screen displays a letter "P".
2. When a button of "Massage", "Beat" or "Knead" is selected, the LCD screen displays an icon corresponding to the selected button.
3. When a button of "Waist", "Shoulder", "Joint", "Hand-Foot" or "Sole" is selected, the LCD screen displays a dot on a position in a human figure icon corresponding to the selected button.
4. When the speed + adjustment key is pressed, the LCD screen displays a speed bar comprising of squares which are moving faster.
5. When the speed - adjustment key is pressed, the LCD screen displays a speed bar comprising of squares which are moving slower.

Program stability test: The program should work consistently and identically as designed during multiple tests.

How to clean the Electronic Pulse Massager

Use damp cloth or water to clean the device. Do not let the sticky side of the pad touch anything, including the greasy finger tips. Clean the pads, if necessary, with a soft damp cloth.

Maintaining the Electronic Pulse Massager

1. The device uses 4pc AAA batteries. To replace the battery, make sure both switch knobs are turned "OFF". Slide the compartment cover open. Remove the old batteries. Insert 4pc AAA batteries according to the diagram. And finally close the cover.
2. Be sure the electrode pads are suitable sticky. Replace the pads if the following situations occur: a) cannot sense the stimulation; b) the stimulation is weaker; c) cannot stick the pads on the skin; d) electrode pads are oily, wet, or their covers having breaking or worn out.Recommend to use Prospera's electrode pads.
3. Change a new wire if it is too old or broken. Recommend to use Prospera's wire.

How to store the Electronic Pulse Massager

Environmental condition for transport and storage

Easily fragile product.

Keep the product in the dry place. Be away from water and rain.

Product package should be recycled.

Stacked up 4 cartons at most.

Temperature range: 0°C to 48°C
Humidity: 10% to 85%
Atmospheric pressure: 400hpa to 1060pha

When to order new pads

The electrode pads coming with the device are disposable, and should be replaced when their adhesiveness becomes worse. Contact Prospera for replacements. Do not let the sticky side of the pad touch anything, including the greasy finger tips. Clean the pads, if necessary, with a soft damp cloth.

Part Replacement

Contact Prospera to order replacement parts. Be sure to use only Prospera's Electronic Pulse Massager. Check the Prospera website at www.prosperacorp.com for additional Product information.

Electronic Pulse Massager---Part # PL009
Electrode Pads---Part # PL009-P
Electric Wire----Part # PL009-W

Conformity to Standards

1. The PL009 Electronic Pulse Massager is compliance with:
   - **IEC60601-1** Medical electrical equipment -Part 1: General requirements for safety.
   - **IEC60601-1-2** Medical electrical equipment -Part 1-2: General requirements for safety Collateral Standard" - Electromagnetic compatibility - Requirements and tests.
   - **IEC 60601-2-10** Medical electrical equipment -Part 2: Particular requirements for the safety of nerve and muscle stimulators.

2. The electrode pad is compliance with:
   - **EN ISO 10993-5** Biological Evaluation of Medical Devices - Part 5: Tests for In Vitro Cytotoxicity.
   - **EN ISO 10993-10** Biological evaluation of medical devices - Part 10: Tests for irritation and delayed-type hypersensitivity.

Trouble Shooting

If the device is not operating properly, please check it for the following problems or conditions. If the recommended action does not solve the problem, please return it to the authorized dealer for the replacement/repair of the device.

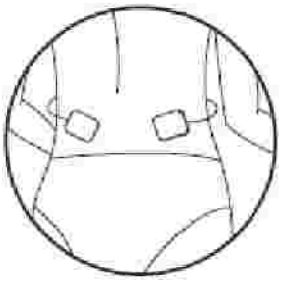
MALFUNCTION	CAUSE	SOLUTION
Stimulation is weak or not existent	Are the electrode heads in close contact with the skin?	Remove, clean and place back on the skin.
	Do the electrode heads touch each other?	If so then separate.
	Are the wires connected to the electrode heads and the main device properly?	Disconnect, clean and reconnect all the parts.
	Are the batteries dead?	Replace the dead batteries.
Skin turns red	Is treatment time too long?	Treat another area.
Skin feels numb	Are electrode heads dirty?	Clean with damp cloth.
	Do the electrode heads touch the skin closely?	Remove and place again on the skin.
Device does not turn on	Batteries installed correctly?	Remove and install batteries.
	Are batteries dead?	Replace the dead batteries.
Pads are not sticky	Pads get deteriorative	Contact Prospera for replacements.

Consumer Warranty

Prospera offers a 90-day standard warranty to the massage products. Labor and parts are included during warranty period. Consumers are required to provide model number and dated proof of purchase (sales receipt) when contacting Prospera for the warranty service.

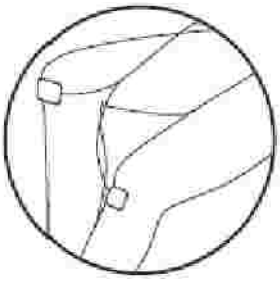
Non-warranty service is provided on a “per incident” basis. The consumer will verify that the product has failed and provide information for servicing the unit. All applicable repairs, parts, shipping, handling, local tax and “per incident” fees will be charged for non-warranty repairs and support calls.

Positions

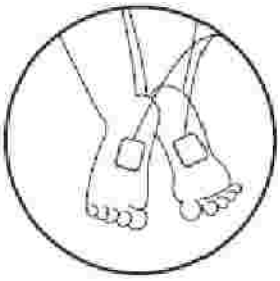


Waist

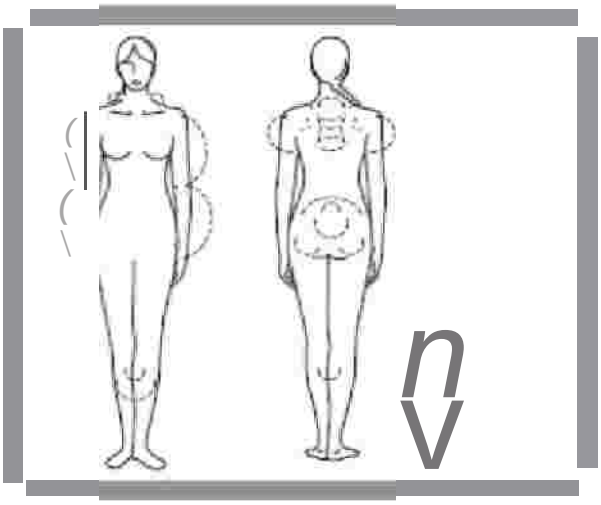
Shoulder



Joints



Sole of Foot



Hand or Foot

Warranty Card

Warranty Registration Form

Product Name: _____

Product Model: _____ Purchase Price: _____

Date of Purchase: _____ Retailer: _____

First Name: _____ Last Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

Signature and date: _____

Please mail to:

Prospera Corporation
405 Boulder Ct, Ste 500
Pleasanton, CA 94566

Telephone: 925-225-0888
Fax: 925-225-0660
Email: sales@prosperacorp.com

Manufacturer's Contact Information

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